

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending September 25, 1994

Issue: 29-94

Released: 9/26/94 - 3:00 p.m.

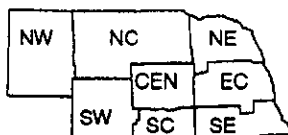
Phone: (402) 437-5541

Location: 273 Federal Bldg.

P.O. Box 81069

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UN-L

## WEATHER

Temperatures were near normals in the northeast while the remainder of the State averaged one to five degrees below normals. Precipitation occurred the last half of the week with amounts varying from .04 inch at Ord in the north central to 2.88 inches at Sioux City in the northeast.

## GENERAL

Harvest of fall crops progressed well last week until mid-week rainfall delayed activities in the eastern third of the State, according to the Nebraska Agricultural Statistics Service. The harvest-delaying rain did improve the outlook for newly seeded and to be seeded wheat and offered moisture for fall pasture growth. Crops were maturing and "field drying" rapidly. Soybeans and dry beans continued to be harvested at a fast pace with corn and grain sorghum still holding to a slow start. Other producer activities included seeding wheat, pre-harvest preparations, and livestock care.

## CROPS

Corn condition was rated at 1% poor, 10% fair, 64% good, and 25% excellent. About 92% of the crop had reached maturity by the end of the week, nearly two weeks ahead of the 5-year average. Harvest moved ahead slowly, but, at 11% picked, remained a few days ahead of the average harvest rate.

Soybean condition was rated at 5% fair, 73% good, and 22% excellent. Statewide, harvest progress reached 32% complete as of Sunday and compares with 2% last year and 10% for the 5-year average. Most advanced areas harvested were in the south central and east central districts. Reports continue to indicate low moisture

## CROPS (Cont.)

content and good yields. Some concerns were expressed about shattering pods after fields dry out from recent rains. Fields with excessive weed and grass problems were taxing the limits of combines and producers.

Sorghum condition was rated at 9% fair, 71% good, and 20% excellent. By week's end, about 90% of the crop was mature. This was nearly two and a half weeks ahead of the average rate. Harvest was 9% complete and compares with 0% last year and 7% for the average.

Dry bean harvest made excellent progress last week with 94% out of the field by Sunday. This compares to 40% harvested last year at this time.

Early sugar beet harvest began last Monday with additional factories and receiving stations accepting sugar beets this week.

Winter wheat seeding made good progress last week with 82% sown to date. Reports indicate that some areas have soil moisture for emergence while many western fields need moisture for emergence. Some producers continued to wait for rainfall before planting rather than plant shallow and wait for rain or plant deep enough to reach soil moisture.

Alfalfa condition was rated at 2% poor, 34% fair, 57% good, and 7% excellent. Fourth cutting activities progressed to 62% harvested as of Sunday.

## LIVESTOCK

Pasture and range condition was rated at 83% of normal and compares with 102% last year. In areas where pastures are not supporting grazing cattle, supplemental haying has been necessary. Producers have begun moving cattle from pastures to stalk fields as soon as fields become available. Producers had begun to wean calves in the central and southwest districts.

FIELD WORK PROGRESS AS OF SEPTEMBER 25, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn mature	87	70	91	95	92	96	98	98	92	73	35	61
% corn harvested	8	11	10	8	11	6	19	13	11	6	1	8
% sorghum mature	0	86	84	83	90	97	95	89	90	67	20	48
% sorghum harvested	0	7	7	4	8	4	18	9	9	4	0	7
% soybeans turning color	0	100	100	100	100	100	100	100	100	100	86	92
% soybeans dropping leaves	0	95	94	89	97	100	100	97	96	79	50	64
% soybeans harvested	0	20	26	30	40	21	55	26	32	11	2	10
% alfalfa fourth cutting	23	52	56	85	64	93	65	68	62	39	28	n/a
% wheat sown	98	91	51	90	61	85	85	41	82	57	67	70
% wheat emerged	81	57	12	27	16	30	29	7	44	21	7	27
% dry beans dropping leaves	100	100	100	0	0	100	100	0	99	98	100	n/a
% dry beans harvested	97	90	98	0	0	90	77	0	94	69	40	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 23, 1994												
Days suitable	6.7	6.2	4.3	5.5	4.8	5.9	6.1	4.9	5.3	6.8	2.6	
Topsoil moisture - Short	100	70	0	83	15	87	92	29	47	76	0	
(Percent) - Adequate	0	30	89	17	62	13	8	65	45	24	50	
- Surplus	0	0	11	0	23	0	0	6	8	0	50	
Subsoil moisture - Short	78	10	11	33	23	87	33	53	33	36	0	
(Percent) - Adequate	22	90	89	67	77	13	67	47	67	64	72	
- Surplus	0	0	0	0	0	0	0	0	0	0	28	

n/a = not available.

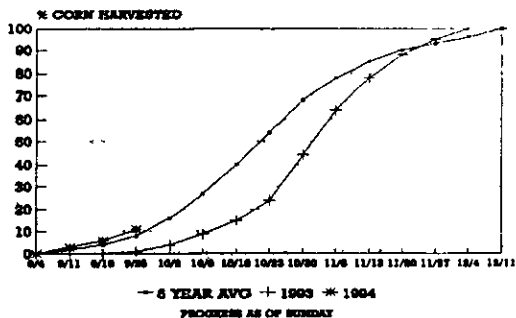
NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

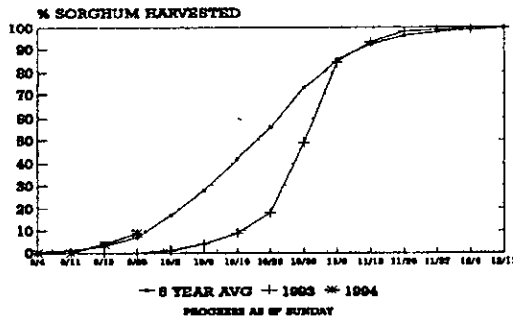
Second Class Postage  
Paid at  
Lincoln, Nebraska

Ran  
2,000  
9/26/94

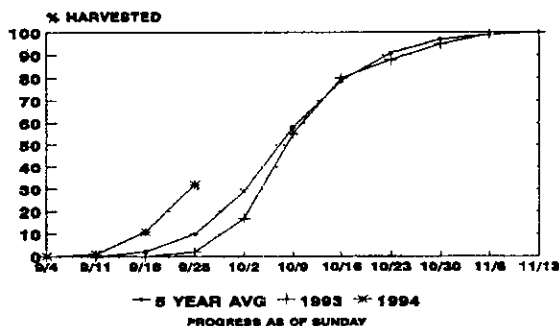
# CORN HARVESTED FOR ALL PURPOSES



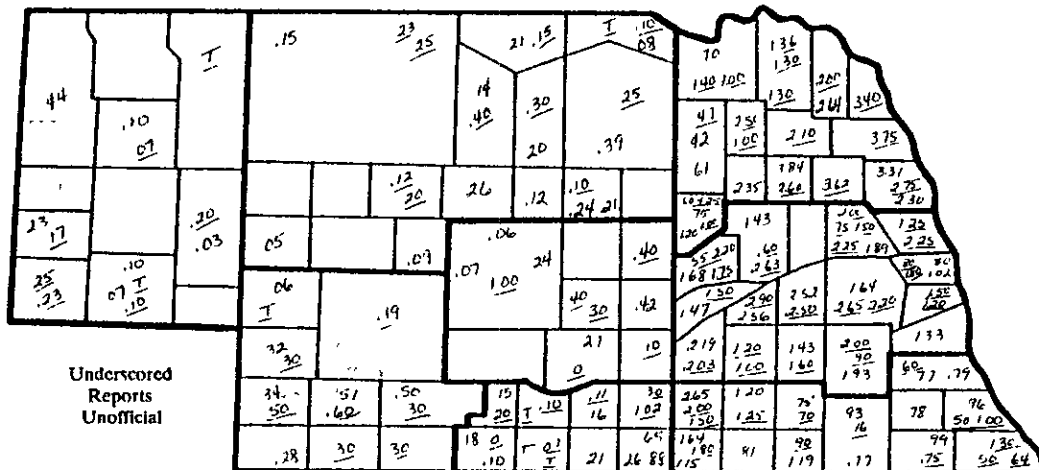
# SORGHUM HARVESTED FOR ALL PURPOSES



# SOYBEANS HARVESTED FOR ALL PURPOSES



# PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 23, 1994



# PRECIPITATION, APRIL 1 - SEPTEMBER 23, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	16	.18	188	21	176	.34	29	113
Total since April 1	8.95	15.91	1816	1711	2140	12.48	1611	1885
Normal since April 1	12.84	15.98	1866	1741	2030	14.55	1780	2149
Total as % of normal	70%	100%	97%	98%	105%	86%	91%	88%

# TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 25, 1994

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	86	36	57	---	25	---	---	---
	Scottsbluff	82	33	57	-2	29	2711	2794	2640
	Sidney	---	---	---	---	---	2634	2714	2436
NC	Valentine	86	36	58	-1	23	---	---	---
	Arthur	---	---	---	---	---	2617	2694	2461
	O'Neill	---	---	---	---	---	2644	2718	2751
NE	Norfolk	86	44	61	0	1.86	---	---	---
	Sioux City	85	46	62	+1	2.88	---	---	---
	Concord	---	---	---	---	---	2692	2768	2819
	Elgin	---	---	---	---	---	2741	2816	2759
	West Point	---	---	---	---	---	2866	2944	2897
CEN	Grand Island	85	41	59	-3	94	---	---	---
	Ord	85	36	58	---	04	2832	2905	2765
	Wood River	---	---	---	---	---	2920	2992	3035
EC	Lincoln	86	34	58	-5	97	3183	3265	3161
	Omaha	86	38	60	-3	1.70	---	---	---
	Central City	---	---	---	---	---	2928	3005	3049
	Mead	---	---	---	---	---	2926	3004	3021
SW	Rising City	---	---	---	---	---	2906	2984	2983
	Imperial	---	---	---	---	---	---	---	---
	North Platte	84	36	57	-2	.17	2769	2849	2712
SC	McCook	---	---	---	---	---	3063	3145	3010
	Holdrege	---	---	---	---	---	2981	3059	2954
	Red Cloud	---	---	---	---	---	3063	3141	3024
SE	Beatrice	---	---	---	---	---	3050	3128	3068
	Clay Center	---	---	---	---	---	2963	3035	3018

1/ Precipitation totals not included in map above

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.